

BIEN 120 - Biosystems & Signal Analysis

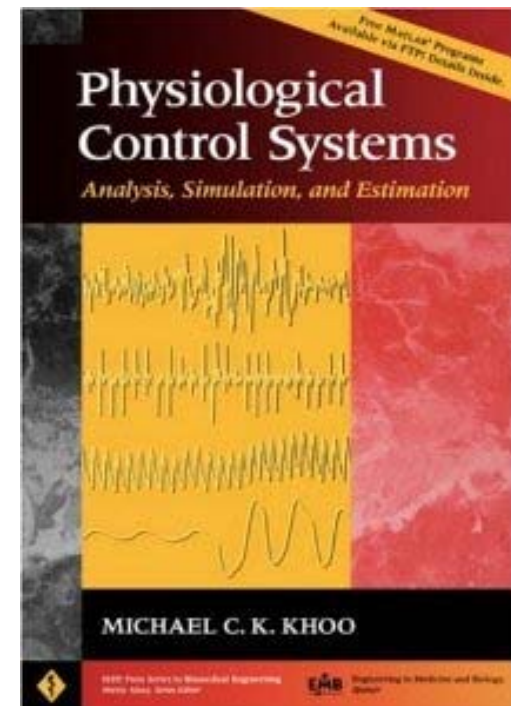
Instructional Materials

1. Lecture Notes – to be posted on iLearn after every lecture

2. Reference Book:

Physiological Control Systems: Analysis, Simulation and Estimation
by Michael Khoo

ISBN-10: **0780334086**



Course Outline

1. Introduction to endogenously-controlled physiological control systems

2. Steady-state (quantitative) analysis of physiological systems

3. Quantitative modeling of time-variant physiological systems

4. Time domain analysis of linear control systems

5. Frequency domain analysis of linear control systems

6. Stability Analysis